

Application No.	Applicant(s)		
10/824,804	HARROD ET AL.		
Examiner	Art Unit		
Ryan A. Jarrett	2125		

SEARCHED				
Class	Subclass	Date	Examiner	
700	276,278,			
	299,300			

SEARCH NOTES (INCLUDING SEARCH STRATEGY)			
	DATE	EXMR	
EAST -inventor	Vin loc	<i>a</i> 1	

Background Art

- An interactive multimedia show on PC screen whose proportions
 4:3
- Video panoramic display
- Video or cinema display show
- Plasma screen display whose proportions 9:16
- Using multiple PCs to display a show on multiple screens

Disclosure of invention

<u>Introduction</u>

CULTURAMA, Cultural Panorama, is an innovative harmonized mix between a wealth of cultural and natural heritage information, very informative and attractive multimedia program and latest display technology. CULTURAMA has proved to be an excellent tool for delivering information to all age groups: children and adults. CULTURAMA also enabled us to display information that could have never been displayed clearly using regular computer display systems.

CULTURAMA is the first fully interactive multimedia system on semicircular nine screens panoramic display with diameter of 10 meters or more for cultural and natural heritage. In addition, we have achieved a huge computer display area with the resolution 7200 x 600 pixels. This area is used to deliver wide range of information that could have never been delivered using standard computer display. Examples of such information are historical time lines, panorama of real scenes and sites, visual comparison between many items and the clear display of large objects. Moreover, we have introduced a new concept of multimedia development to utilize this huge display area. At last but not least, we have made use of regular equipments represented in regular workstations and regular video projectors in addition to implementing the semicircular screen using flat projection screens. The use of those familiar equipments made CULTURAMA: cost effective, easier to maintain, together with flexible and powerful software development. Also the use of flat projection screens facilitated image stitching with no need for special hardware.